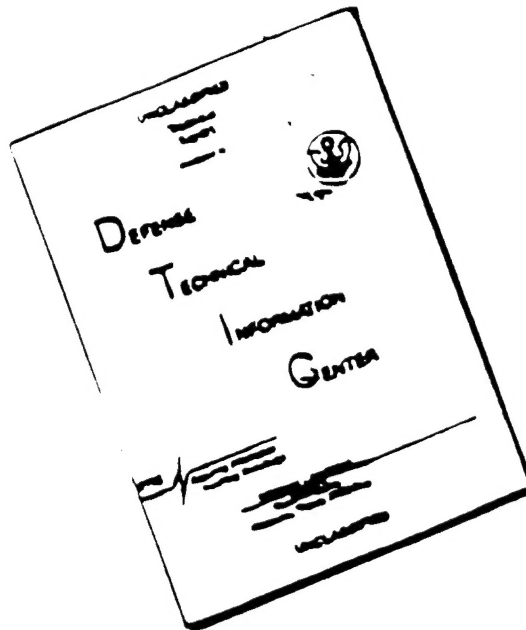


4. The investigation of the above mentioned case started in January 1968. The investigation and the results of the investigation are described in the following sections. The results of the investigation are described in the following sections. The results of the investigation are described in the following sections.

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DISCLAIMER NOTICE



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A SIGNIFICANT NUMBER OF
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**PROGRESS/FINAL REPORT
U. S. AIR FORCE INFRASTRUCTURE EQUIPMENT REQUEST**

In FY '94, Central State University established a Center for Scientific Visualization (CSV) using state-of-the-art technology in an interdisciplinary approach to solving problems in research.

The primary objectives of the CSV are as follows: 1) provide an environment for multiple disciplines to work together as science teams; 2) support undergraduate and faculty research projects requiring advanced visualization techniques; 3) serve as a testbed to develop new visualization mechanisms to aid in teaching difficult mathematics, scientific and engineering concepts; 4) support undergraduate courses which prepare students to utilize advanced computer graphics, image processing and visualization techniques in a research environment.

The Center was built upon the existing expertise and resources of the manufacturing engineering, science, mathematics, computer science and art departments.

Central State University requested and received funding from the Department of the Air Force, Office of Scientific Research to assist in developing the infrastructure for the Center.

Attachment A lists the instrumentation that was purchased and is being used to achieve the objectives of the programs in the Center.

As a part of its commitment to establish and maintain the Center for Scientific Visualization, the University provided, through its capital improvements budget, funds to renovate space to house the Center. In addition, University funds were used to purchase additional equipment. The University will continue to provide the resources for the maintenance and upkeep of the facility.

During the developmental stages of the CSV and the proposal to the Department of the Air Force for infrastructural development, Ms. Gloria Brown-Simmons was the Director for the Center and Principal Investigator for the project. Pursuant to the award and the completion of the project, i.e., purchasing equipment and supervising its installation, Ms. Brown-Simmons left Central State to assume another position. Pursuant to her departure, in June 1994, Ms. Dianne Love, Assistant Professor in the International Center for Water Resources Management was appointed as Director of the Center for CSV and Project Director for the infrastructure development projects.

U.S. AIR FORCE EQUIPMENT PURCHASE REPORT

VENDOR	DESCRIPTION	AMOUNT
PARITY SYSTEMS	CD-ROM DRIVE	\$626.00
MAC BARGAINS	MICROTEK SCANNER IIHR	\$1,029
APPLE COMPUTER	POWER MAC 8100/100AV 20 UNITS PLUS SOFTWARE	\$117,079
MODERN OFFICE METHODS	TEKTRONIX PRINTER	\$7,249
WAVEFRONT TECHNOLOGY	WAVEFRONT SOFTWARE	\$25,000
SILICON GRAPHICS	SEE ATTACHED	\$108,258
SILICON GRAPHICS	SEE ATTACHED	\$48,467
TOTAL		\$307,082

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PURCHASE ORDER

CENTRAL STATE UNIVERSITY

WILBERFORCE, OHIO 45384

513 376-6350

SEND INVOICE IN QUADRUPPLICATE TO
ACCOUNTS PAYABLE
ADMINISTRATION BUILDING
CENTRAL STATE UNIVERSITY
WILBERFORCE, OHIO 45384

THIS NUMBER
MUST APPEAR ON ALL
DOCUMENTS AND
CONTAINERS PO 86244000001

DATE Dec. 20, 1993

BLANKET

DELIVERY:

DATE

BUILDING/ROOM Jenk 114G

To: Silicon Graphics, Inc.
2011 N. Shoreline Blvd.
M/S 17L-120

VENDOR CONTACT Mountain View, CA 94043

P.S.U. BUYER Mark Kelley

CONFIRMING ORDER

N

F.O.B. D/S

DELIVER TO Central State University
Center for Scien. Visual
c/o Receiving
1400 Brush Row Rd.
Wilberforce, OH 45384



ORDER INFORMATION

LINE	CATALOG	DESCRIPTION	QUANTITY	UNIT	UNIT COST	EXTENDED AMOUNT
001	D-42602	Onyx VTX Graphics Deskside Workstation, 4 MB texture memory, 2x100 MHz R4400, 64MB memory, 1 IMB	1 ea		\$ 71,238.00	\$ 71,238.00
002	SD8-2	2GB SCSI-2 FAST/WIDE Differential System Disk for all CHALLENGE and ONYX systems	1 ea		5,696.00	5,696.00
003	P8-T4V2	5GB 8mm Internal Drive for all CHALLENGE and ONYX systems	1 ea		4,745.00	4,745.00
004	P8-CDROM	680MB CD FOR all CHALLENGE and ONYX systems	1 ea		945.00	945.00
005	SC4-IDO-5.1	IRIS Development Option for IRIX 5.1	1 ea		876.00	876.00
006	SC4-NFS-5.1	Network File System Software for IRIX 5.1	1 ea		446.25	446.25
007	CS-SWCARE- DEV	Support price for software options for systems with IDO	1 EA		0.00	0.00

Per Quote # CWC941495, IUC Contract # UN93-005

Page 1 of 4

PAGE

TOTAL

83,946.25

GRAND

TOTAL

EQUAL EMPLOYMENT OPPORTUNITY. The Supplier in bidding and/or filling a purchase order agrees not to discriminate against any employee or applicant for employment with respect to higher tenure, terms, conditions, or privileges of employment or any matter directly or indirectly related to employment, because of race, color, sex, religion, national origin, or ancestry. The Supplier further agrees that every subcontract or order given for the supplying of this order will contain a provision requiring non-discrimination in employment, as herein specified. This covenant is required pursuant to Executive Order 11246, Executive Code of Ohio and policy of Central State University and any breach thereof may be regarded as a material breach of the contract or purchase order.

MATERIAL ON THIS ORDER EXEMPT FROM OHIO SALES TAX, SEC. CODE OF OHIO SEC. 5709.02(B) AND ALL FEDERAL TAX, TAX EXEMPT.

CENTRAL STATE UNIVERSITY PURCHASING DEPT

Prices listed are firm, unless otherwise noted.
Authorized substitutes accepted without
approval of purchasing office.
Revisions to this order must be made in writing.

Prices are subject to change without notice.
Prices are subject to change without notice.
Prices are subject to change without notice.

12/22/93
Y/K/S

PURCH E ORDER

CENTRAL STATE UNIVERSITY

WILBERFORCE, OHIO 45384

513 376-6350

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ADMINISTRATION BUILDING
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DATE Dec. 20, 1993

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DELIVERY

DATE

BUILDING/ROOM Jenk 114G

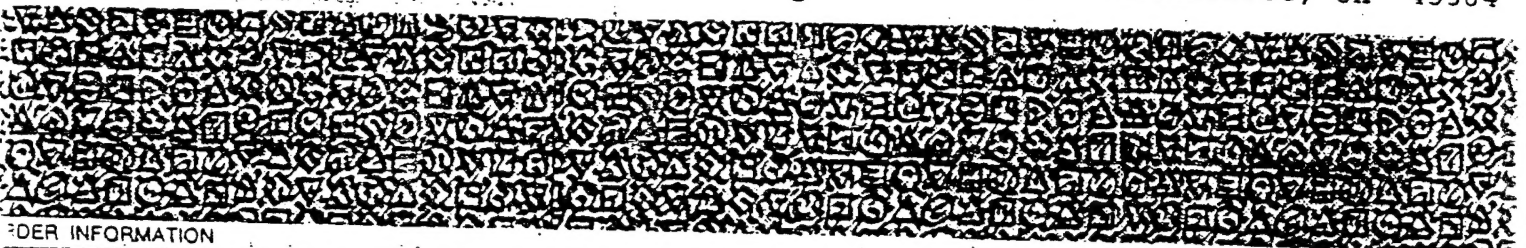
DELIVER TO: Central State University
Center for Scien. Visua
c/o Receiving
1400 Brush Row Rd.
Wilberforce, OH 45384

To: Silicon Graphics, Inc.
2011 N. Shoreline Blvd.
M/S 17L-120
Mountain View, CA 94043

ENDOR CONTACT
S.U. BUYER

CONFIRMING ORDER N

F.O.B. S



ORDER INFORMATION

LINE #	CATALOG #	DESCRIPTION	QUANTITY	UNIT	UNIT COST	EXTENDED AMOUNT
008	MO4-CD	CD-ROM Update Media Option for ASD-For Support Only	1	ea	\$ 0.00	\$ 0.00
009	DK-C1-00	Destination Kit for L Series, ONYX Deskside, 110V	1	ea	0.00	0.00
010	D-M19A	19-inch MultiSync Tilt Swivel Monitor for ELAN, VGXT, Sky Writer Personal IRIS, and ONYX VTX	1	ea	0.00	0.00
011	FTO-64NC	First 64MB High Density Memory for all CHALLENGE and ONYX systems	1	ea	0.00	0.00
012	SC4-W4D-5.1	IRIX 5.1 System Software and Manuals for Workstations, CD-ROM Media	1	ea	0.00	0.00
013	WB-TW050EX	INDIGO2 Extreme Graphics, 100/50 MHz, 32MB Memory, 1GB System Disk, 19" Monitor	2	ea	21,700.00	43,400.00

Per Quote # CWC941495, IUC Contract #UN93-005

Page 2 of 4

PAGE TOTAL	43,400.00
GRAND TOTAL	

EQUAL EMPLOYMENT OPPORTUNITY: The Supplier in bidding and/or filling a purchase order agrees not to discriminate against any employee or applicant for employment with respect to higher tenure, terms, conditions, or privileges of employment, or any matter directly or indirectly related to employment, because of race, color, sex, religion, national origin, or ancestry. The Supplier further agrees that every subcontract or order given for the supplying of this order will contain a provision requiring non-discrimination in employment, as herein specified. This covenant is required pursuant to Executive Order 11246, Executive Code of Ohio and policy of Central State University and any breach thereof may be regarded as a material breach of the contract or purchase order.

WATERAL ON THIS ORDER EXEMPT FROM OHIO SALES TAX BE USED TO BE IN OHIO
TAXES AND ALL FEDERAL TAX EXEMPTIONS

Prices quoted are firm increases are not
authorized for substitutes without
approval of purchasing office
Selected items may be subject to change

Prices are FOB Destination unless otherwise
indicated. Freight and insurance added to
order.

CENTRAL STATE UNIVERSITY PURCHASING DEPT

E. W. Johnson

PURC 3E ORDER

CENTRAL STATE UNIVERSITY

WILBERFORCE, OHIO 45384

513 376-6350

SEND INVOICE IN QUADRUPPLICATE TO
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ADMINISTRATION BUILDING
CENTRAL STATE UNIVERSITY
WILBERFORCE, OHIO 45384

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DATE Dec. 20, 1993

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DELIVERY

DATE

BUILDING/ROOM

Jenk 114G

DELIVER TO Central State University
Center for Scien. Visual
c/o Receiving
1400 Brush Row Rd.
Wilberforce, OH 45384

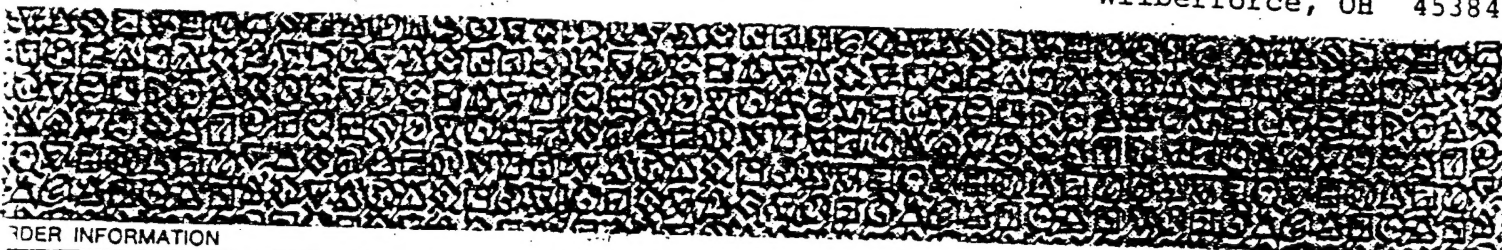
To: Silicon Graphics, Inc.
2011 N. Shoreline Blvd.
M/S 17L-120
Mountain View, CA 94043

ENDORSEMENT
S.U. BUYER

-CONFIRMING ORDER

N

F.O.B. S



ORDER INFORMATION

LINE	CATALOG	DESCRIPTION	QUANTITY	UNIT	UNIT COST	EXTENDED AMOUNT
014	SR4-IDO-4.1.1	IRIS Development Option Right to Use License	2	ea	\$ 600.00	\$ 1,200.00
015	SR4-NFS-4.0.1	Network File System Software Right-to-Use License for (IRIX 4.OX)	2	ea	371.25	371.25
016	CS-SWCARE-DEV	Support price for software options for systems with IDO. Full/Basic/IRIXCare is req'd	2	ea	0.00	0.00
017	RMA PACKET	Returned Material Authorization Packet	2	ea	0.00	0.00
018	M04-RTU	Right TO Use Update Media Option, fee to cover taxable value for RTU in some states	2	ea	0.00	0.00
019	W24B-5032	INDY, 100/50 MHz R4000SC, 24-Bit Color, 32MB, 535MB System Disk, 1280x1024, 16" Monitor, IndyCam	2	ea	12,746.50	25,493.00

Per Quote # CWC941495, IUC Contract #UN93-005
Page 3 of 4

PAGE TOTAL	27.064.25
GRAND TOTAL	

EQUAL EMPLOYMENT OPPORTUNITY The Supplier in bidding and/or filling a purchase order agrees not to discriminate against any employee or applicant for employment with respect to higher tenure, terms, conditions, or privileges of employment, or any matter directly or indirectly related to employment because of race, color, sex, religion, national origin, or ancestry. The Supplier further agrees that every subcontract or order given for the supplying of this order will contain a provision requiring non-discrimination in employment, as herein specified. This covenant is required pursuant to Executive Order 11246, Executive Code of Ohio and policy of Central State University and any breach thereof may be regarded as a material breach of the contract or purchase order.

MATERIAL ON THIS ORDER EXEMPT FROM OHIO SALES TAX RE: SED CODE OF OHIO REG 5733.02 B AND ALL FEDERAL TAX EXEMPT NO INQUIRY

CENTRAL STATE UNIVERSITY PURCHASING DEPT

[Signature]
J. M. Johnson 12/26

PURCHASE ORDER

CENTRAL STATE UNIVERSITY

WILBERFORCE, OHIO 45384

513 376-6350

SEND INVOICE IN QUADRUPPLICATE TO
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CENTRAL STATE UNIVERSITY
WILBERFORCE, OHIO 45384

THIS NUMBER
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CONTAINERS

CHASE
ORDER
NO

PO 86244000001

DATE Dec. 20, 1993

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DELIVERY:

DATE

BUILDING/ROOM Jenk 114G

DELIVER TO: Central State University
Center for Scien. Visual
c/o Receiving
1400 Brush Row Rd.
Wilberforce, OH 45384

To: Silicon Graphics, Inc.
2011N. Shoreline Blve.
M/S 17L-120

VENDOR CONTACT Mountain View, CA 94043

S.U. BUYER

Mark Kelley

ORDER INFORMATION

LINE	CATALOG	DESCRIPTION	QUANTITY	UNIT	UNIT COST	EXTENDED AMOUNT
020	SR4-IDO-5.1	IRIS Development Option Right To Use License for IRIX 5.1	2	ea	\$ 600.00	\$ 1,200.00
021	SR4-NFS-5.1	Network File System Software Right To Use License for IRIX 5.1	2	ea	371.25	742.50
022	D-M17	16" (17" Tube) Multi-Scan Tilt Swivel, Color Stereo Monitor	2	ea	0.00	0.00
023	M04-RTU	Right To Use Update Media Option, fee to cover tatable value for RTU in some states	2	ea	0.00	0.00
024	CS-SWCARE-DEV	Support price for software options for systems with IDO. Full/Basic/IRIX Care is req'd	2	ea	0.00	0.00
025		All systems include O/S, Explorer, Insight, Media Mosaic, Show-case and Workspace	1	ea	0.00	0.00
025		Warranty for these systems to be ordered on a separate P.O.	1	ea	0.00	0.00

Per Quote #CWC941495, IUC Contract #UN93-005
Page 4 of 4

PAGE TOTAL	1,942.50
GRAND TOTAL	156,353.00

EQUAL EMPLOYMENT OPPORTUNITY The Supplier in bidding and/or filling a purchase order agrees not to discriminate against any employee or applicant for employment with respect to higher tenure, terms, conditions, or privileges of employment, or any matter directly or indirectly related to employment, because of race, color, sex, religion, national origin, or ancestry. The Supplier further agrees that every subcontract or order given for the supplying of this order will contain a provision requiring non-discrimination in employment, as herein specified. This covenant is required pursuant to Executive Order 11246, Executive Code of Ohio and policy of Central State University and any breach thereof may be regarded as a material breach of the contract or purchase order.

MATERIAL ON THIS ORDER EXEMPT FROM OHIO SALES TAX PER STATE OF OHIO
5039.025 AND ALL FEDERAL TAX TAX EXEMPT TO BUYER

CENTRAL STATE UNIVERSITY PURCHASING DEPT

Handwritten signature and initials